

SPECIFICATION AMENDMENTS

Please amend paragraph [0004] as follows:

[0004] One common approach is to employ Ethernet for inter-board communication, as illustrated in Figure 2, which shows the internal configuration of a telecommunications (telco) [[shelf]] switch 200. Switch 200 includes a dual star Ethernet fabric configured with a pair of switch fabrics 202A and 202B, each of which is coupled in communication to a plurality of boards 204A-G via a common backplane (not shown). The two switch fabrics 202A and 202B route traffic between any two boards, while the dual star configuration provides 1 + 1 redundancy. Switch fabrics 202A and 202B are also coupled in communication with a redundant external core switch 206, which provides an interface to an external network 208.

Please amend paragraph [0024] as follows:

[0024] The series of message exchanges between client board 300 and PXE server [[3000]] 304 begins with a PXE download request message sent from the client board to the PXE server via TFTP. In response to receiving the request, the PXE server 304 returns an initial boot image 310 via TFTP to the client board.

Please amend paragraph [0046] as follows:

[0046] The machine-executable instructions for performing the various board operations discussed above will generally be embodied as firmware and/or software instructions that are executed on processor(s) 504. The firmware and/or software instructions will typically be provided via a machine-readable medium. For the purposes of this specification, a machine-readable medium includes any mechanism that provides (i.e., stores and/or transmits) information in a form readable or accessible by a machine (e.g., one or more processors 504). For example, a machine-readable medium includes, but is not limited to, recordable/non-recordable media (e.g., a read only memory (ROM), a

random access memory (RAM), a magnetic disk storage media, an optical storage media, a flash memory device, etc.). In addition, a machine readable medium can include propagated signals such as electrical, optical, acoustical or other form of propagated signals (e.g., carrier waves, infrared signals, digital signals, etc.).